



Shoreline Management and Pre-dredge Analysis

Jinks Creek Oyster Survey
October 3, 2016



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Presentation Outline

- Review Project Path
- Review Currently Budgeted Items
- Discuss Options & Need for Jinks Creek Oyster Survey

Project Path

Phase 1 – Feasibility Study: (Complete)

- Present the Conceptual Project to the Resource Agencies & Identify the Environmental Concerns (*1st Agency Coordination Meeting*).
- Based on the Agency Comments, Provide a Path Forward and Cost Estimate through Permitting the Project (*April 15th 'Path Forward' Memo*).

Phase 2 – Design (In Progress)

- Provide Design for Review to Resource Agencies & Town of Sunset Beach. (*2nd Agency Coordination Meeting & Oct. 8th Public Meeting*)
- Conduct Initial Field Investigations to Quantify Potential Environmental Effects. (*Oyster Survey In Mary's & Turtle Creek*)
- Estimate Construction Cost For Review by Town of Sunset Beach (*Final Deliverable for Phase 2*).

Project Path

Phase 3 – Environmental Permitting

- Evaluate the Project's Environmental Effects.
 - Essential Fish Habitat Assessment (*Atlantic Sturgeon*)
 - Biological Assessment (*Federally / State listed endangered or threatened species*)
 - Cultural Resource Review (*Historic / Archaeological Sites*)
- Obtain Federal / State Permits for Construction
 - CAMA Major
 - USACE GP-291

Phase 4 – Construction

Phase 5 – Monitoring

Currently Budgeted Items

- Feasibility Study – Complete
- Design (61 % Complete)
 - Refined Design – (*Refined Construction Template & Numeric Modeling*)
 - Sediment Testing - (*Compatibility Analysis*)
 - USACE Disposal Location (*Identify Optimal Material Placement Site for Non-Compatible Material*)
 - Oyster Survey (*Mary's & Turtle Creek*)
 - 2nd Agency Coordination Meeting - (*Review Design & Confirm Path Forward for Environmental Permitting*)
 - Conceptual Cost Estimate (*Construction*)



Options & Need for the Jinks Creek Oyster Survey

- Has Not Been Requested by Environmental Resource Agencies (CAMA, NMFS, NCDEQ).
- May Help Town Evaluate the Environmental Effects of Project.



Options & Need for the Jinks Creek Oyster Survey

- Two Options Proposed for Survey (Neither Currently Budgeted)
 - Option 1 – State Approve Protocols (\$207,000)
 - Option 2 – Presence / Absence (\$22,000)
- * Both Options Qualify for Cost Sharing Under the Water Resource Development Grant.





Recommendation

The Jinks Creek Oyster Survey can be conducted after the design has been reviewed by the Town & Resource Agencies. This will allow the establishment of a definitive scope and survey area as well as the ability to confirm the need with the resources agencies at the 2nd Agency Coordination Meeting.





Thank you!

Questions and Comments